Appendix I (Interoperability Channels) Region 7 - 700 MHz Regional Plan

Interoperability Channel Technical Parameters

ANSI/TIA/EIA-102 (Project 25) Common Air Interface

Certain common Project 25 parameters need to be defined to ensure digital radios operating on the 700 MHz Interoperability Channels can communicate. This is analogous to defining the common CTCSS tone used on NPSPAC analog Interoperability Channels.

Network Access Code

In the Project 25v Common Air Interface definition, the Network Access Code is analogous to the use of CTCSS and CDCSS signals in analog radio systems. It is a code transmitted in the preamble of the Project 25 signal and repeated periodically throughout the transmission. Its purpose is to provide selective access to and maintain access to a receiver. It is also used to block nuisance and other co-channel signals. There are up to 4096 of these NAC codes. For ease of migration in other frequency bands, a NAC code table was developed which shows the mapping of CTCSS and CDCDD signals to corresponding NAC codes. Document TIA/EIA TSB102.BAAC contains NAC code table and other Project 25 Common Air Interface Reserve values. Since NPSPAC Interoperability Channels use CTCSS tone 156.7 Hz (5A), use of corresponding NAC code $61F is recommended for the 700MHz Interoperability Channel NAC code.

Talkgroup ID

In the Project 25 Common Air Interface definition, the Talkgroup ID on conventional channels is analogous to the use of talkgroups in trunking. In order to ensure that all users can communicate, all units will use the default Talkgroup ID of $0001

Manufacturer's ID

The Project 25 Common Air Interface allows the ability to define manufacturer specific functions. In order to ensure that all users can communicate, all units should not use a specific Manufacturer's ID, but will use the default Manufacturer's ID of $00

Message ID

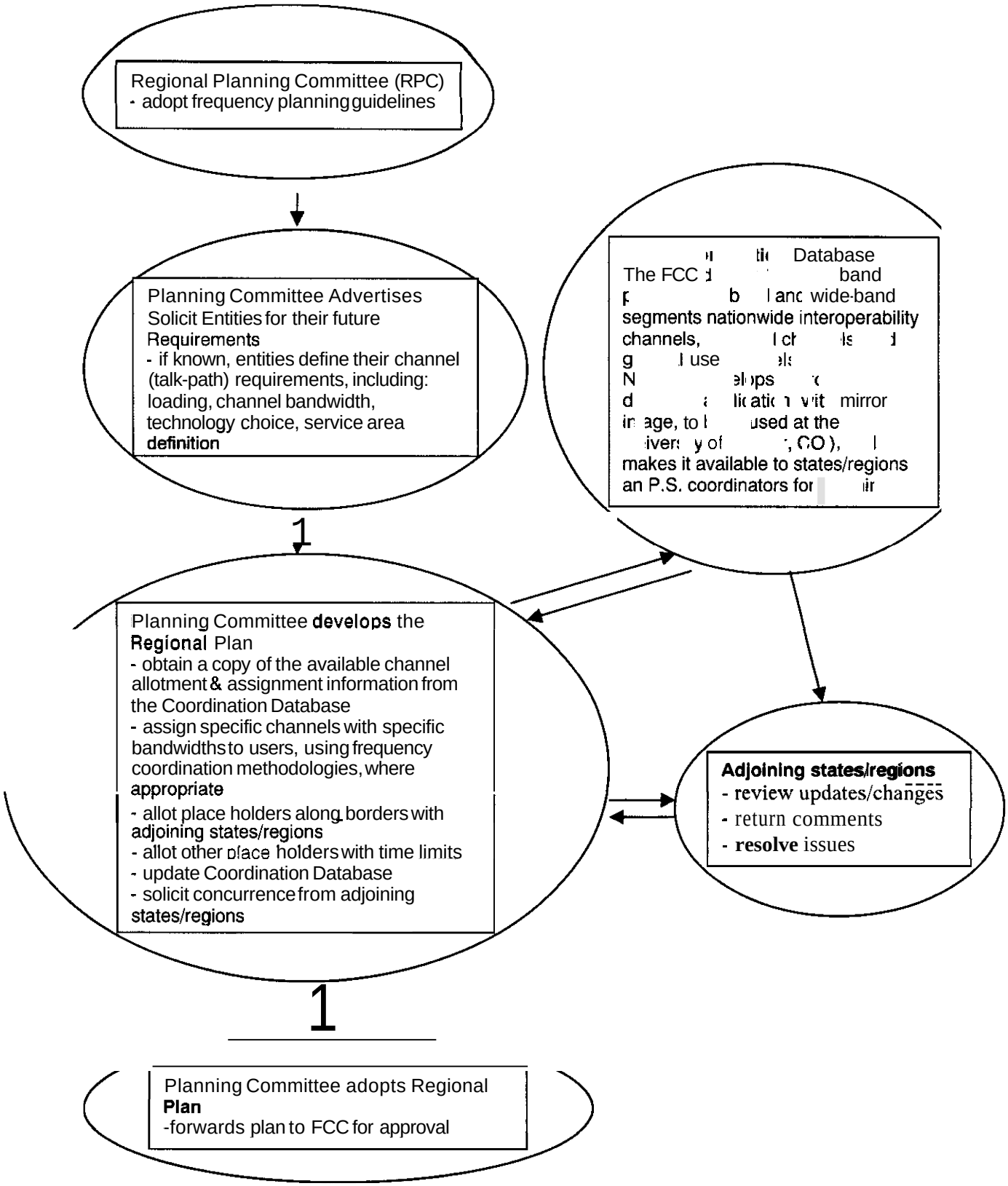
The project 25 Common Air Interface allows the ability to define specific message functions. In order to ensure that all users can communicate, all units will use the default Message ID for unencrypted messages of $00000000000000000000.

Encryption Algorithm ID and Key ID

The Project 25 Common Air Interface allows the ability to define specific encryption algorithms and encryption keys. In order to ensure that all users can communicate, encryption is prohibited on the Interoperability Calling Channels; all units will use the default Algorithm ID for unencrypted messages of $80 and the default Key ID for unencrypted messages of $0000. These same defaults will be used for the other Interoperability channels when encryption is not used.

The FCC permits the use of encryption on all Interoperability channels except the two Calling Channels. In order to ensure all units can communicate, agencies desiring to communicate with encryption must coordinate with the Region 7 Planning Committee to define and disseminate appropriate Message ID, Encryption Algorithm ID, and Encryption Key ID to be used in the encrypted mode on Interoperability channels.

Appendix J (Pre-Planning Flow Chart) Region 7 - 700 MHz Regional Plan



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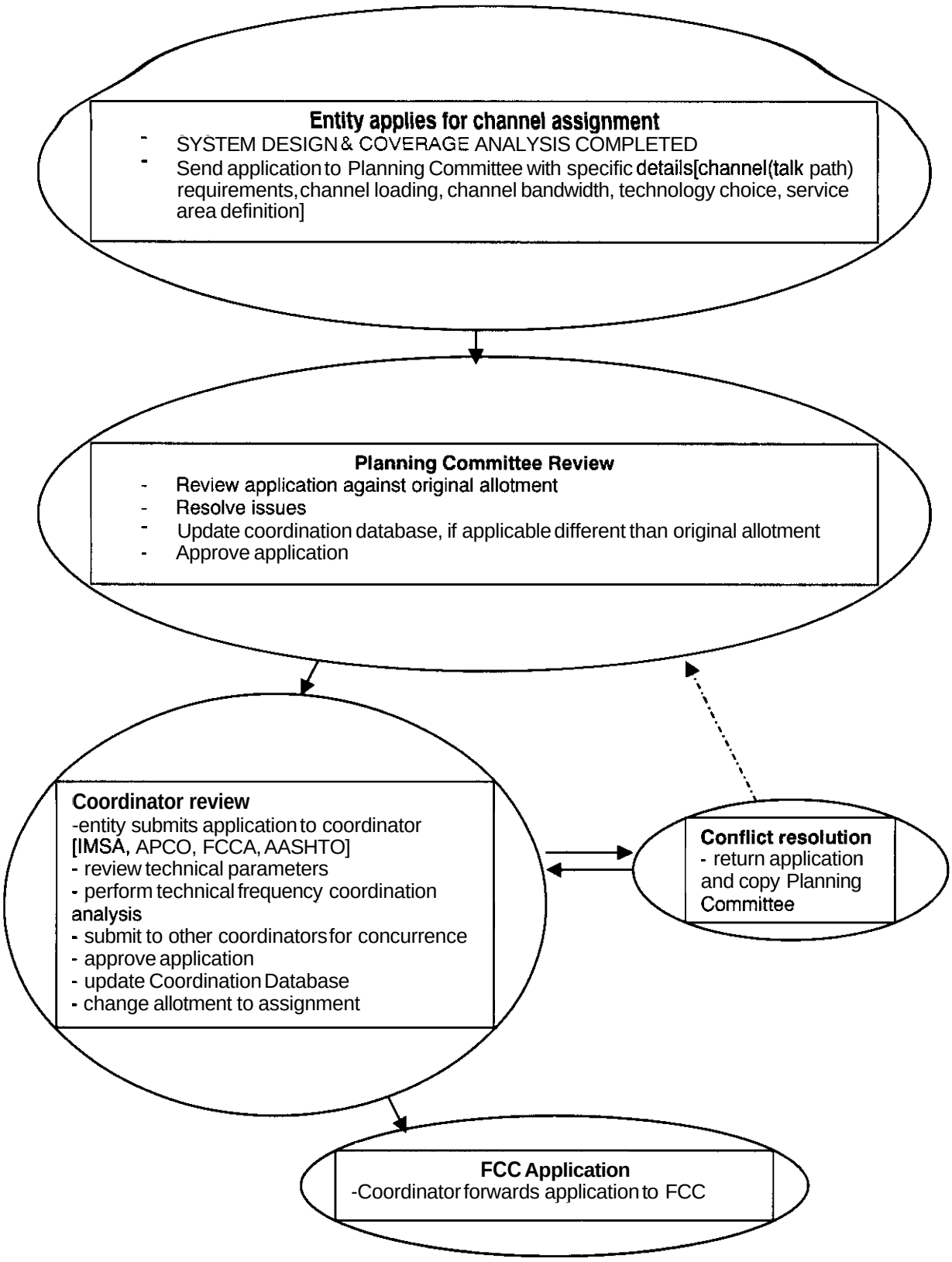
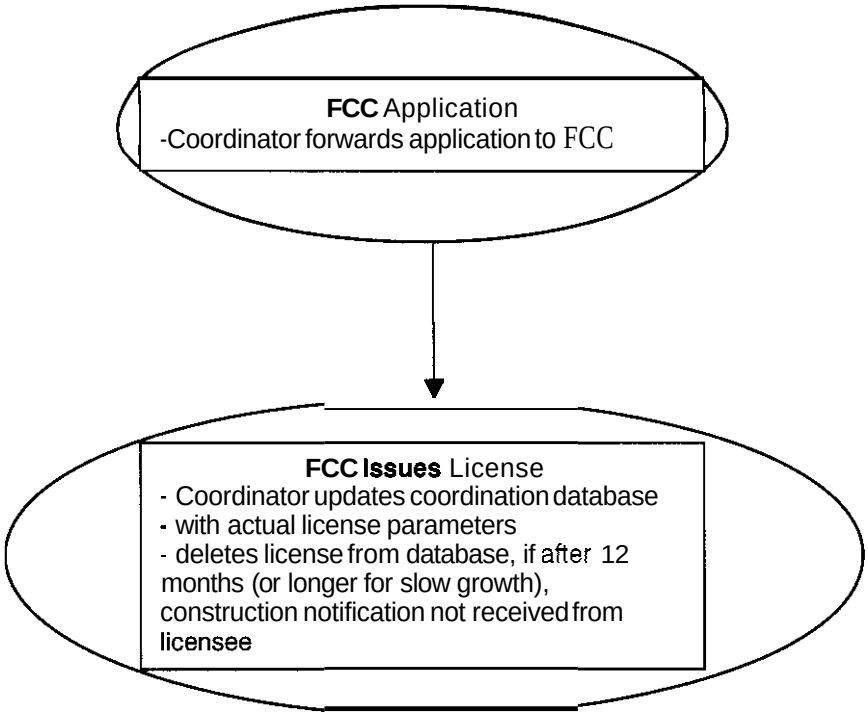
Appendix K (Coordination Flow Chart) Region 7 - 700 MHz Regional Plan




FCC Application
-Coordinator forwards application to FCC
FCC Issues License
- Coordinator updates coordination database
- with actual license parameters
- deletes license from database, if after 12 months (or longer for slow growth), construction notification not received from licensee

Appendix L (Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

Part A -Narrowband Genera) Use Channel *Set*

The Region 7 700 MHz Regional Planning Committee (RPC) acknowledges the frequency pool pre-allotment work and the disciplines and background that led to the creation of the CAPRAD pre-allotment placeholders for certain frequencies within certain county-like areas. This work is contained within the document entitled *Generation of the National 700-MHz Public Safety Pool Allotments (Narrowband Genera/Use Channel Set) Documentation of Methodology and Results* dated January 31,2003. It provides a valuable starting place for use by the RPC in administering the 700 MHz spectrum pool, but it does not represent a limitation in future judgments that may be made by the RPC regarding specific recommendations to Frequency Coordinators, and through those defined processes, to the FCC.

The pre-allotment of the 700 MHz General Use Channel Set as recorded in the CAPRAD database, has the following attributes and limitations:

- The work is multidimensional and its foundations are fairly well documented.
- The work does not by itself provide means to facilitate efficient spectrum usage
- The work as-is must be allowed to be modified
- The work does not correlate directly with population differences, nor was it intended to do so
- The work is too coarse in scope to use solely in making decisions among individual agencies in a county-like area
- The work does not address frequency reuse options in a smaller, e.g., metropolitan, area. Certain network architectures and coverage area limits could foster frequency reuse.
- The Denver Metropolitan Area is the most challenging to coordinate in Region 7, given a higher density of need to be served by the limited spectrum resources
- The channels pre-allotted cannot represent limits or entitlements to any entity or county-like area
- There are 154 each 4 x 6.25kHz channel groups available, which are reused statewide / nationwide. The work pre-allotted 114 of these in an 11-county Denver metropolitan region, leaving potentially 40 as a future metropolitan region reserve, before employing frequency reuse architectures
- Cooperation and Planning among all users within the Denver metropolitan region must be made mandatory, and the existence of an authentic metropolitan regional plan should constitute a pre-condition for application to use 700 MHz spectrum within the Denver metropolitan region
- For initial applications, until more comprehensive processes are developed within the RPC, frequencies will be assigned only from the pre-allotted pool

The Region 7 Planning Committee believes and hereby asserts that any pre-allotment models that might be employed at the inception of the Region 7 Plan are specifically not capable of predicting future service demands, nor intra-regional population and growth trends, nor future network topologies and architectures that may be made possible through anticipated technological developments, nor the nature of future needs and

requests. More importantly, no model not coordinated among local jurisdictions and authorities can include opportunities going forward to increase potential Region 7 spectrum efficiency that might be realized through inter-agency and / or inter-governmental cooperation in design, implementation, and ongoing network operation. Therefore, assignment of certain frequencies and / or quantities of channels as limitations or entitlements to municipalities, agencies, counties, or other entities that might otherwise share the capacity inherent in these channels and frequencies, would not be beneficial.

The Region 7 Planning Committee notes that the most likely area statewide to anticipate interference is also the area that could benefit most from network sharing, and thereby encourage spectrum efficiency. This area is the Denver metropolitan region. An arbitrary grouping of eleven contiguous counties is considered here to constitute such a Denver metropolitan region. Within these eleven counties, CAPRAD contains 114 each 4 x 6.25 kHz channel groups. These 40 not-yet-allotted four-channel groups represent a potential 26% available margin within the total 154 channel limit in the 700 MHz band plan. The Region 7 RPC would like to designate these 40 four-channel groups as the Denver Metropolitan Regional Reserve. This reserve, as with all frequencies within the 700 MHz band plan, would be administered by the RPC according to this Region 7 700 MHz Plan.

The eleven counties included in this analysis of the Denver metropolitan region's CAPRAD pre-allotments, and the number of four-channel groups that have been assigned to date in each county, are as follows:

Adams	**14**
Arapahoe	**16**
Boulder	**12**
Broomfield	**5**
Clear Creek	**5**
Denver	**13**
Douglas	**8**
Elbert	**7**
Gilpin	**5**
Jefferson	**17**
Weld	**12**
Total Channels Pre-allotted	**114**

Total 25 kHz Channels Available	**154**
Total Channels Pre-allotted	**114**
Metro Reserve Channels Available w/o Reuse	**40**

The demographics of portions of these eleven counties vary widely from high-density urban to very sparse rural populations. The CAPRAD pre-allotment considered such

population and population density factors in general ways, probably using the county-like political division area and population sizes since they were convenient for computation. But there was no direct way provided or possible to estimate the likely number of entities or agencies that might apply for 700 MHz spectrum within these county-like boundaries, nor a suggestion of **how** to process such individual applications equitably. The Region 7 RPC also believes that many of the entities within the counties in the table may not sense a need for the pre-allotted channels even well into the future, while others even now forecast a greater need than indicated. Such disparities in real and perceived need, or lack of it, arise primarily due to economic factors, or the existence or lack of current service options, imbalances in population density, and signal coverage difficulties. Fostering policies that either allow unwarranted and fixed allotment of unused future spectrum resources, or which ignore real near-term need, would be wrong. Therefore, the Region 7 RPC wants to foster a process going forward that provides the ability to "relocate" certain frequencies pre-allotted in the CAPRAD plan for use in other counties than initially designated.

In addition to more long-term relief anticipated through spectrum policy development, all opportunities for frequency reuse, particularly within the Denver metropolitan region, will be sought to further augment the limit of 154 groups of 4 x 6.25 kHz channels. Frequency reuse strategies may be engendered by suitable network architectures and adequate separation distances and / or terrain features, and should afford more opportunities than can be provided through reliance on the 40 Metro Reserve Channels to alleviate anticipated spectrum shortages.

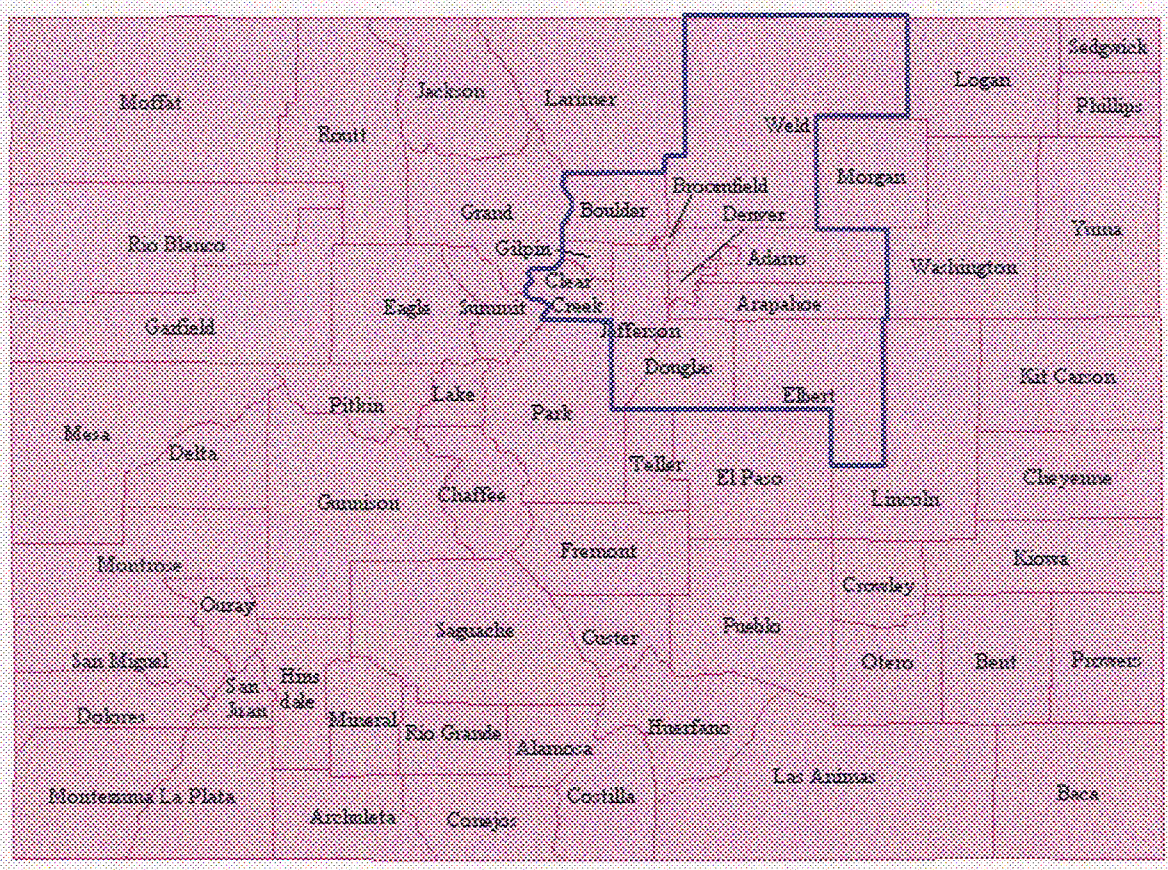
The Region 7 RPC is confident that the balance of the areas in the State, i.e., outside the Denver metropolitan region, will have adequate 700 MHz traffic handling capacity indefinitely into the future, as afforded by frequency reuse among relatively less dense and lower absolute population numbers, the distances between population clusters, and the natural Colorado terrain. We would anticipate not having to materially modify the pre-allotments initially recorded in the CAPRAD database for county-like areas outside this Denver metropolitan region. Succinctly stated, if the Region 7 RPC can solve the potential problems of offered traffic and latent interference in the Denver metropolitan region, then accommodating other areas of the State will be comparatively simple, and likely be well addressed by existing pre-allotments as recorded initially in the CAPRAD database.

The primary objective of the Region 7 RPC work going forward will be to facilitate and optimize the use of the 700 MHz spectrum. Therefore, the CAPRAD pre-allotments will only be used in processing initial applications, and for a short time. To repeat: these initial pre-allotments in the CAPRAD plan will create neither limit nor entitlement to any given entity or entities within a county, or to the named county itself, regarding the number of or location within the spectrum of the certain pre-allotted frequencies. The RPC further reserves the right to develop, within the limits afforded by the RPC structure and by-laws, requirements for interagency and intergovernmental cooperation and planning as a pre-condition for accepting an application for 700 MHz spectrum.

The Region 7 RPC will undertake development of such policies as priority items of business.

700 MHz Region 7 Planning -- Initial Metro Region Reserve

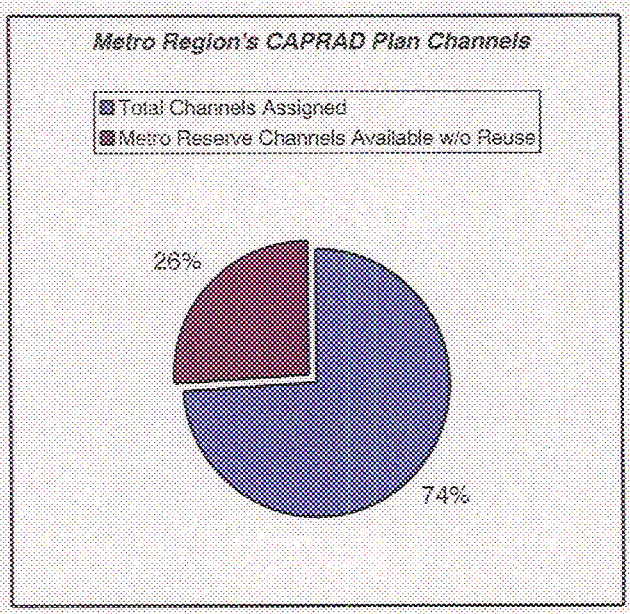
Counties included as Metro Region counties are outlined on this map in blue.



25 kHz Channels Pre-Allotted to Metro Region Counties

Count of FCC Channel Number	
County	Total
Adams	14
Arapahoe	16
Boulder	12
Broomfield	5
Clear Creek	5
Denver	13
Douglas	8
Elbert	7
Gilpin	5
Jefferson	17
Weld	12
Total Channels Assigned	114

Total 25 kHz Channels Available	154
Total Channels Assigned	114
Metro Reserve Channels Available w/o Reuse	40

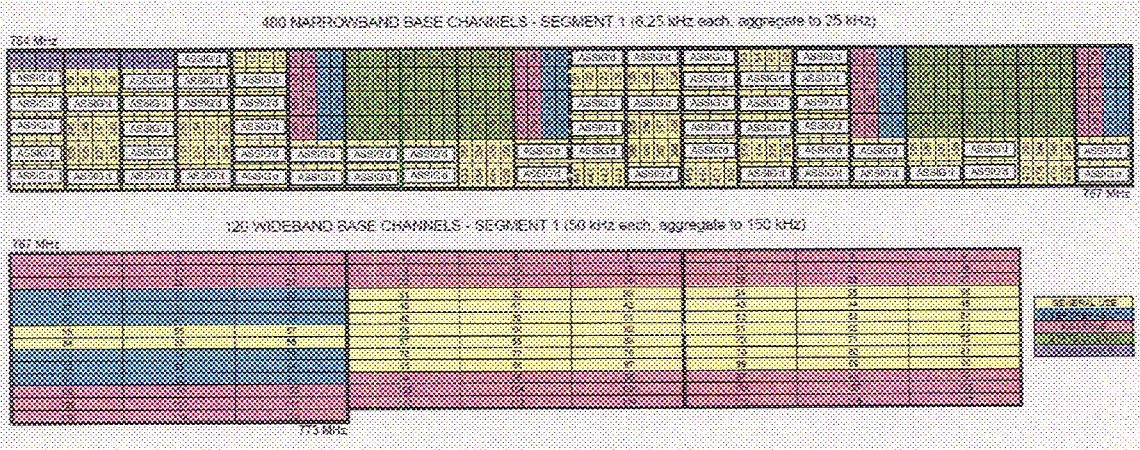


Metro Region Reserve Channels Still Available

FCC Channel Number	Base Frequency	Mobile Frequency
17-20	764.1125	794.1125
53-56	764.3375	794.3375
85-88	764.5375	794.5375
121-124	764.7625	794.7625
125-128	764.7875	794.7875
245-248	765.5375	795.5375
253-256	765.5875	795.5875
285-288	765.7875	795.7875
325-328	766.0375	796.0375
333-336	766.0875	796.0875
353-356	766.2125	796.2125
365-368	766.2875	796.2875
373-375	766.3375	796.3375
385-388	766.4125	796.4125
393-396	766.4625	796.4625
433-436	766.7125	796.7125
441-444	766.7625	796.7625
449-452	766.8125	796.8125
473-476	766.9625	796.9625
517-520	773.2375	803.2375
533-536	773.3375	803.3375
537-540	773.3625	803.3625
545-548	773.4125	803.4125
573-576	773.5875	803.5875
593-596	773.7125	803.7125
613-616	773.8375	803.8375
633-636	773.9625	803.9625
669-672	774.1875	804.1875
677-680	774.2375	804.2375
709-712	774.4375	804.4375
717-720	774.4875	804.4875
745-748	774.6625	804.6625
749-752	774.6875	804.6875
757-760	774.7375	804.7375
789-792	774.9375	804.9375
797-800	774.9875	804.9875
829-832	775.1875	805.1875
865-868	775.4125	805.4125
873-876	775.4625	805.4625
917-920	775.7375	805.7375

Region 7 Initial Metro Region Reserve – Channel Map

700 MHz BAND PLAN per *Third MO&O and Third R&O* in WT Dkt. 96-86 (TV Ch. 63/64)



NARROWBAND CHANNELS:
Two may be combined provided that the lower channel number is odd (e.g., 1, 3, 5)
Four may be combined provided that the lower channel number is 1 + 4n, n = 0 to 479 (e.g., 1, 5, ... 1917)
Narrowband channels must maintain a data throughput efficiency of not less than 4.8 kbps for each 6.25 kHz of bandwidth.

WIDEBAND CHANNELS:
Two may be combined provided that the lower channel number is 1 + 3n or 2 + 3n, n = 0 to 79 (e.g., 1, 2, 4, 5 ... 239, 239)
Three may be combined provided that the lower channel number is 1 + 3n, n = 0 to 79 (e.g., 1, 4, ... 238)
Wideband channels must maintain a data throughput efficiency of not less than 384 kbps for each 150 kHz of bandwidth.

The 4 x 6.25 kHz channel groups pre-allotted in the CAPRAD database in the Metro Region's county-like areas are designated here as "ASSIG'd." Metro region narrowband general-use channels not having this designation are designated as the Initial Metro Region Reserve.

Channel numbers for combined channels are designated by the lowest and highest channel numbers segregated by a hyphen, e.g., "1-2" and 1-3".

10/12/2005

The following tables on pages L7 through L25 show the original pre-allotted placeholders, within the entire region as recorded in CAPRAD, arranged by county-like area, and including associated class, bandwidth, FCC channel number ranges and four-channel group center frequencies.

Appendix L (Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Class	Band Width	FCC Channel Number	Base Frequency	Mobile Frequency
Adams	General Use	Voice 25KHz	137-140	764.8625	794.8625
Adams	General Use	Voice 25KHz	217-220	765.3625	795.3625
Adams	General Use	Voice 25KHz	257-260	765.6125	795.6125
Adams	General Use	Voice 25KHz	337-340	766.1125	796.1125
Adams	General Use	Voice 25KHz	397-400	766.4875	796.4875
Adams	General Use	Voice 25KHz	437-440	766.7375	796.7375
Adams	General Use	Voice 25KHz	505-508	773.1625	803.1625
Adams	General Use	Voice 25KHz	557-560	773.4875	803.4875
Adams	General Use	Voice 25KHz	597-600	773.7375	803.7375
Adams	General Use	Voice 25KHz	637-640	773.9875	803.9875
Adams	General Use	Voice 25KHz	701-704	774.3875	804.3875
Adams	General Use	Voice 25KHz	741-744	774.6375	804.6375
Adams	General Use	Voice 25KHz	821-824	775.1375	805.1375
Adams	General Use	Voice 25KHz	861-864	775.3875	805.3875
Alamosa	General Use	Voice 25KHz	45-48	764.2875	794.2875
Alamosa	General Use	Voice 25KHz	93-96	764.5875	794.5875
Alamosa	General Use	Voice 25KHz	133-136	764.8375	794.8375
Alamosa	General Use	Voice 25KHz	241-244	765.5125	795.5125
Alamosa	General Use	Voice 25KHz	297-300	765.8625	795.8625
Alamosa	General Use	Voice 25KHz	341-344	766.1375	796.1375
Alamosa	General Use	Voice 25KHz	405-408	766.5375	796.5375
Alamosa	General Use	Voice 25KHz	501-504	773.1375	803.1375
Alamosa	General Use	Voice 25KHz	557-560	773.4875	803.4875
Alamosa	General Use	Voice 25KHz	597-600	773.7375	803.7375
Alamosa	General Use	Voice 25KHz	833-836	775.2125	805.2125
Alamosa	General Use	Voice 25KHz	873-876	775.4625	805.4625
Alamosa	General Use	Voice 25KHz	913-916	775.7125	805.7125
Arapahoe	General Use	Voice 25KHz	41-44	764.2625	794.2625
Arapahoe	General Use	Voice 25KHz	93-96	764.5875	794.5875
Arapahoe	General Use	Voice 25KHz	165-168	765.0375	795.0375
Arapahoe	General Use	Voice 25KHz	205-208	765.2875	795.2875
Arapahoe	General Use	Voice 25KHz	289-292	765.8125	795.8125
Arapahoe	General Use	Voice 25KHz	357-360	766.2375	796.2375
Arapahoe	General Use	Voice 25KHz	409-412	766.5625	796.5625
Arapahoe	General Use	Voice 25KHz	457-460	766.8625	796.8625

Appendix L (Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Class	Band Width	FCC Channel Number	Base Frequency	Mobile Frequency
Arapahoe	General Use	Voice 25KHz	485-488	773.0375	803.0375
Arapahoe	General Use	Voice 25KHz	529-532	773.3125	803.3125
Arapahoe	General Use	Voice 25KHz	569-572	773.5625	803.5625
Arapahoe	General Use	Voice 25KHz	609-612	773.8125	803.8125
Arapahoe	General Use	Voice 25KHz	661-664	774.1375	804.1375
Arapahoe	General Use	Voice 25KHz	785-788	774.9125	804.9125
Arapahoe	General Use	Voice 25KHz	837-840	775.2375	805.2375
Arapahoe	General Use	Voice 25KHz	877-880	775.4875	805.4875
Archuleta	General Use	Voice 25KHz	41-44	764.2625	794.2625
Archuleta	General Use	Voice 25KHz	249-252	765.5625	795.5625
Archuleta	General Use	Voice 25KHz	345-348	766.1625	796.1625
Archuleta	General Use	Voice 25KHz	401-404	766.5125	796.5125
Archuleta	General Use	Voice 25KHz	449-452	766.8125	796.8125
Archuleta	General Use	Voice 25KHz	537-540	773.3625	803.3625
Archuleta	General Use	Voice 25KHz	581-584	773.6375	803.6375
Archuleta	General Use	Voice 25KHz	621-624	773.8875	803.8875
Archuleta	General Use	Voice 25KHz	701-704	774.3875	804.3875
Archuleta	General Use	Voice 25KHz	837-840	775.2375	805.2375
Archuleta	General Use	Voice 25KHz	909-912	775.6875	805.6875
Baca	General Use	Voice 25KHz	121-124	764.7625	794.7625
Baca	General Use	Voice 25KHz	245-248	765.5375	795.5375
Baca	General Use	Voice 25KHz	289-292	765.8125	795.8125
Baca	General Use	Voice 25KHz	329-332	766.0625	796.0625
Baca	General Use	Voice 25KHz	389-392	766.4375	796.4375
Baca	General Use	Voice 25KHz	433-436	766.7125	796.7125
Baca	General Use	Voice 25KHz	473-476	766.9625	796.9625
Baca	General Use	Voice 25KHz	513-516	773.2125	803.2125
Baca	General Use	Voice 25KHz	581-584	773.6375	803.6375
Baca	General Use	Voice 25KHz	797-800	774.9875	804.9875
Bent	General Use	Voice 25KHz	53-56	764.3375	794.3375
Bent	General Use	Voice 25KHz	129-132	764.8125	794.8125
Bent	General Use	Voice 25KHz	177-180	765.1125	795.1125
Bent	General Use	Voice 25KHz	217-220	765.3625	795.3625
Bent	General Use	Voice 25KHz	521-524	773.2625	803.2625
Bent	General Use	Voice 25KHz	573-576	773.5875	803.5875
Bent	General Use	Voice 25KHz	617-620	773.8625	803.8625

Appendix L (Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Class	Band Width	FCC Channel Number	Base Frequency	Mobile Frequency
Bent	General Use	Voice 25KHz	661-664	774.1375	804.1375
Bent	General Use	Voice 25KHz	701-704	774.3875	804.3875
Bent	General Use	Voice 25KHz	741-744	774.6375	804.6375
Bent	General Use	Voice 25KHz	781-784	774.8875	804.8875
Bent	General Use	Voice 25KHz	829-832	775.1875	805.1875
Bent	General Use	Voice 25KHz	869-872	775.4375	805.4375
Boulder	General Use	Voice 25KHz	45-48	764.2875	794.2875
Boulder	General Use	Voice 25KHz	89-92	764.5625	794.5625
Boulder	General Use	Voice 25KHz	209-212	765.3125	795.3125
Boulder	General Use	Voice 25KHz	293-296	765.8375	795.8375
Boulder	General Use	Voice 25KHz	345-348	766.1625	796.1625
Boulder	General Use	Voice 25KHz	413-416	766.5875	796.5875
Boulder	General Use	Voice 25KHz	489-492	773.0625	803.0625
Boulder	General Use	Voice 25KHz	585-588	773.6625	803.6625
Boulder	General Use	Voice 25KHz	625-628	773.9125	803.9125
Boulder	General Use	Voice 25KHz	833-836	775.2125	805.2125
Boulder	General Use	Voice 25KHz	901-904	775.6375	805.6375
Boulder	General Use	Voice 25KHz	941-944	775.8875	805.8875
Broomfield	General Use	Voice 25KHz	169-172	765.0625	795.0625
Broomfield	General Use	Voice 25KHz	465-468	766.9125	796.9125
Broomfield	General Use	Voice 25KHz	525-528	773.2875	803.2875
Broomfield	General Use	Voice 25KHz	565-568	773.5375	803.5375
Broomfield	General Use	Voice 25KHz	605-608	773.7875	803.7875
Chaffee	General Use	Voice 25KHz	169-172	765.0625	795.0625
Chaffee	General Use	Voice 25KHz	209-212	765.3125	795.3125
Chaffee	General Use	Voice 25KHz	413-416	766.5875	796.5875
Chaffee	General Use	Voice 25KHz	473-476	766.9625	796.9625
Chaffee	General Use	Voice 25KHz	525-528	773.2875	803.2875
Chaffee	General Use	Voice 25KHz	585-588	773.6625	803.6625
Chaffee	General Use	Voice 25KHz	825-828	775.1625	805.1625
Chaffee	General Use	Voice 25KHz	901-904	775.6375	805.6375
Chaffee	General Use	Voice 25KHz	941-944	775.8875	805.8875
Cheyenne	General Use	Voice 25KHz	321-324	766.0125	796.0125
Cheyenne	General Use	Voice 25KHz	473-476	766.9625	796.9625
Cheyenne	General Use	Voice 25KHz	513-516	773.2125	803.2125
Cheyenne	General Use	Voice 25KHz	569-572	773.5625	803.5625

Appendix L (Frequency Pre-Allotments) Region 7 - 700 MHz Regional Plan

County	Class	Band Width	FCC Channel Number	Base Frequency	Mobile Frequency
Cheyenne	General Use	Voice 25KHz	713-716	774.4625	804.4625
Cheyenne	General Use	Voice 25KHz	833-836	775.2125	805.2125
Cheyenne	General Use	Voice 25KHz	901-904	775.6375	805.6375
Clear Creek	General Use	Voice 25KHz	173-176	765.0875	795.0875
Clear Creek	General Use	Voice 25KHz	369-372	766.3125	796.3125
Clear Creek	General Use	Voice 25KHz	421-424	766.6375	796.6375
Clear Creek	General Use	Voice 25KHz	461-464	766.8875	796.8875
Clear Creek	General Use	Voice 25KHz	521-524	773.2625	803.2625
Conejos	General Use	Voice 25KHz	325-328	766.0375	796.0375
Conejos	General Use	Voice 25KHz	413-416	766.5875	796.5875
Conejos	General Use	Voice 25KHz	457-460	766.8625	796.8625
Conejos	General Use	Voice 25KHz	489-492	773.0625	803.0625
Conejos	General Use	Voice 25KHz	573-576	773.5875	803.5875
Conejos	General Use	Voice 25KHz	613-616	773.8375	803.8375
Conejos	General Use	Voice 25KHz	673-676	774.2125	804.2125
Conejos	General Use	Voice 25KHz	741-744	774.6375	804.6375
Conejos	General Use	Voice 25KHz	793-796	774.9625	804.9625
Costilla	General Use	Voice 25KHz	209-212	765.3125	795.3125
Costilla	General Use	Voice 25KHz	353-356	766.2125	796.2125
Costilla	General Use	Voice 25KHz	393-396	766.4625	796.4625
Costilla	General Use	Voice 25KHz	533-536	773.3375	803.3375
Costilla	General Use	Voice 25KHz	585-588	773.6625	803.6625
Costilla	General Use	Voice 25KHz	825-828	775.1625	805.1625
Crowley	General Use	Voice 25KHz	357-360	766.2375	796.2375
Crowley	General Use	Voice 25KHz	457-460	766.8625	796.8625
Crowley	General Use	Voice 25KHz	493-496	773.0875	803.0875
Crowley	General Use	Voice 25KHz	541-544	773.3875	803.3875
Crowley	General Use	Voice 25KHz	585-588	773.6625	803.6625
Crowley	General Use	Voice 25KHz	673-676	774.2125	804.2125
Custer	General Use	Voice 25KHz	165-168	765.0375	795.0375
Custer	General Use	Voice 25KHz	205-208	765.2875	795.2875
Custer	General Use	Voice 25KHz	397-400	766.4875	796.4875
Custer	General Use	Voice 25KHz	485-488	773.0375	803.0375
Custer	General Use	Voice 25KHz	529-532	773.3125	803.3125
Delta	General Use	Voice 25KHz	169-172	765.0625	795.0625